

HD flat TXN2668WHF

26" Widescreen DynaFlat™ Digital HDTV Monitor



TV/VIDEO

- Sleek Simple Design With Front Panel Control Buttons
- 16:9 Widescreen Aspect Ratio
- Digital TV High Definition Monitor 1080i Capable Display
- Progressive Scan 480p DVD Compatible
- DynaFlat™ HD Anti-Distortion, Anti-Glare Flat Picture Tube
- Pro Picture 3-Stage Video Correction
 - Total DSP (Digital Signal Processing) Analog to Digital Signal Enhanced
 - Pro Chip Plus Converts All Analog Signals to Flicker-Free Progressive Scan
 - 3-Line Digital Comb Filter
- Velocity Scan Modulation Improves Edge Detail
- Convenient Front Panel Control Key Buttons for Accessing Menu Settings Without the Remote
- Universal Remote Control
- Easy Navigation With Translucent On-Screen Display
- Screen Filling Modes & Vertical Compression for Anamorphic DVDs

AUDIO

- 30-Watt Side Speaker Audio System With Sound Presets & Adjustable EQ

CONNECTIONS

- 2 Sets of Auto Sensing 1080i/480p/480i (Y/Pb/Pr) Component Inputs
- 3 Rear A/V Composite Inputs, S-Video Input, A/V Output, and Side A/V Input



All on-screen images are simulated pictures.
All features, specifications, model numbers subject to change.

SAMSUNG

Combining the highest quality picture in the least amount of space, Samsung introduces among the world's smallest and most affordable widescreen format HDTV Monitor. The TXN2668WHF is ideal for the bedroom, a den, or special cabinet. Regular TV looks better because all analog signals are digitally converted and then presented in the better progressive scan. For the movie lover, the newer flicker-free progressive scan DVD players are compatible with the TXN2668WHF and are able to display the better 480p progressive scan picture. When you are ready to add an HDTV receiver/decoder, there are two sets of auto sensing wideband component inputs that can display 1080i HD. The 30-Watt audio system and the 16:9 aspect ration picture delivers an experience that is just what the director intended.

HD

TXN2668WHF

26" Widescreen DynaFlat™ Digital HDTV Monitor



Understanding HDTV

The transition to HDTV is underway. The US government has mandated the switch to digital signals to replace today's analog over the air broadcasts. To find out more about this exciting new world of HDTV and digital television go to samsungusa.com and download the "DTV Guide To Digital Television." This simple guide is packed with information to get you started enjoying the benefits of an HDTV Monitor today.

Progressive Scan DVD Player Compatibility

All Samsung Digital TVs are compatible with the newer Progressive Scan DVD players that output 480p. The difference is clear, smooth, and noticeable.



High Resolution DynaFlat™ HD Fine Pitch Flat Picture Tube

Not all HDTV Monitors are created equally. With a Samsung DynaFlat™ HD Monitor the overall resolution has been improved by making the individual phosphor color spots (pixels) smaller and closer together. A Multiple Focus Electron Gun is capable of illuminating many more finer spots to achieve a much more detailed picture.

26" Compact Widescreen Design

Samsung introduces a brand new flat picture tube screen size to the market. This new widescreen design DynaFlat™ HD 26" digital television was intended for the film connoisseur and the new technology HD enthusiast. Not everyone has a big space but this 16:9 aspect ratio HDTV Monitor gives the impression of a large viewable image. Putting a new TV in the old cabinet can be difficult. The TXN2668WHF is just right to fit your needs and your room.

flat



Rear Jack Panel



Side Jack Panel



Progressive Scan Explained

Take the screen test and compare Samsung's Digital TV with a typical interlaced TV

Samsung Progressive Scan



Sharp edges

It's the reds vs. the blues, yellows, or whites. Ordinary interlaced images go jagged where colors meet. Samsung Progressive Scan keeps them in bounds.



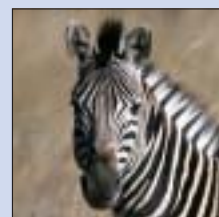
Color Shift

Green and red outlines around credits turn every movie into a mystery. Samsung Progressive Scan keeps text crisp and clear.



Color Burn

Bleed and burn aren't necessarily part of the news. Tickers, graphics and live video all gain clarity and definition on a Samsung Progressive Scan set.

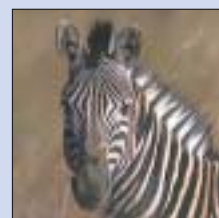


Vibration

Vibrant colors shouldn't vibrate. High-contrast hues stay true to nature with Samsung Progressive Scan.

VS.

Interlaced



Widescreen Aspect Ratio Control

Allows the viewer to make screen fitting adjustments depending on the content displayed.



Wide



Panorama



Zoom 1



Zoom 2



Normal

Samsung's Digital Pro Picture 3-Stage Video Correction

Samsung's Digital Pro Picture 3-Stage Video Correction is a three-stage video processing system that produces a high performance picture from both analog and digital sources.

- Total DSP (Digital Signal Processing): analog to digital signal processing improves picture quality.
- Pro Chip Plus converts all analog signals to the better flicker-free progressive scan.
- 3-Line Digital Comb Filter analyzes multiple lines of picture information to minimize edge image artifacts while improving transition detail.

3-Stage refining process



Unclear analog signal



Total DSP™

- Converts analog to digital
- Restores picture strength to 100% of original
- Optimizes brightness
- Enhances picture quality



ProChip Plus™

- Doubles lines of resolution
- Converts interlaced images to smooth progressive scan
- Reduces flicker
- Smooths motion



Defining Filter

- Sharpens edges
- Removes misty, unclear details
- Eliminates analog artifacts and noise

HD flat

TXN2668WHF 26" Widescreen DynaFlat™ Digital HDTV Monitor

TV/VIDEO

16:9 Aspect Ratio

Display Format 1080i/480p

Full Sounding Side Speaker Design (Silver Cabinet)

Digital TV High Definition Monitor 1080i

Capable Display: accepts signals from an optional HDTV receiver/decoder that outputs 1080i or 480p.

Progressive Scan 480p DVD Compatible: accepts a 480p signal via a component input from a Progressive Scan DVD Player or game console.

DynaFlat™ HD Anti-Distortion, Anti-Glare High Resolution Flat Picture Tube

Pro Picture 3-Stage Video Correction

- Total DSP (Digital Signal Processing): analog to digital signal processing improves picture quality.
- Pro Chip Plus converts all analog signals to the better flicker-free progressive scan.
- 3-Line Digital Comb Filter analyzes multiple lines of picture information to minimize edge image artifacts while improving transition detail.

Maximum of 800 Lines Horizontal Resolution

Velocity Scan Modulation sharply defines edges and outlines by controlling the speed of transitions between the black and white portions of the signal.

INVAR Shadow Mask: An alloy material used for consistency of focus and brightness without sacrificing color purity.

Color Temperature Controls - Normal, Warm and Cool selectable with On-Screen Display.

4 Video Presets optimize the picture for the type of program being watched. Presets: Standard/Dynamic/Movie/Custom with user adjustable brightness, contrast, sharpness, color, and tint.

Vertical Compression maintains vertical resolution and quality during "anamorphic" widescreen sources such as DVD.

Dark Tint Picture Tube minimizes reflections and improves colors and picture contrast.

Dynamic Black Level Expansion & White Peak Limiter further improves picture contrast.

Auto Kine Aging Bias automatically regulates the white balance to maintain consistent, optimal performance even after many years of use.

Digital Video Noise Reduction can be used to improve picture quality.

181-Channel Synthesized Tuning

Tilt Correction allows for picture adjustments due to Earth's magnetic field.

Digital Chassis increases overall reliability.

CONVENIENCE

Convenient Front Panel Control Key

Buttons for accessing menu settings without the remote.

Universal Remote controls most brands of VCRs, DVD players and cable boxes.

Remote Surf™ Timer returns TV to original channel so other channels can be browsed during commercial breaks.

Previous Channel button permits switching back and forth between two channels.

Variable Sleep Timer to turn the TV off in varying time intervals.

CaptionVision (CC)¹ displays dialog that can be read along with encoded broadcast TV programs and pre-recorded videos.

V-Chip System¹ allows blocking of rated TV and movie programs determined by the parent to contain objectionable content.

Easy Navigation with a Translucent On-Screen Menu Display that allows the user to make control setting adjustments while continuing to view the picture in the background.

Trilingual On-Screen Display English, Spanish or French.

Screen Filling Picture Modes: Normal, Wide, Zoom 1, Zoom 2, Panorama allows custom screen image fitting.

Screen Capture Picture Freezing stops the action as a still frame.

Plug & Play Setup uses automation and simple menus to select the source (broadcast or cable), set the clock, and map the active channels.

Auto Channel Programming memorizes only active broadcast and cable channels. Manual add/delete option included.

Clock with on/off timer.

Auto Clock Set reads the XDS broadcast signal¹ to display the correct date and time even adjusting for daylight savings time.

Channel Labeling assigns on-screen channel labels (e.g. -NBC, ESPN, VH-1).

Non-Volatile Memory preserves audio, video and menu settings during power outages.

Self Diagnostic System displays help messages to facilitate proper set-up and operation.

AUDIO

Stereo Broadcast Reception (MTS & SAP)

30-Watt Audio

Surround Sound Mode

Preset Sound Modes include Standard, Movie, Music, Speech (focuses on dialog and reduces background), and Custom (5 band graphic equalizer allows detailed sound adjustments).

Second Audio Program (SAP) capability.

Auto Volume Leveler keeps audio volume consistent during channel changing.

CONNECTIONS

2 Sets of Auto Sensing 1080i/480p/480i (Y/Pb/Pr) Component Input connections

allows for the best quality video hook up of a DVD, Progressive Scan DVD, some newer game consoles, and/or an HDTV tuner.

S-Video Input: 1 Side

A/V Fixed Monitor Output: 1 Rear

Side A/V Inputs (Present a cleaner looking front cabinet.)

3 Sets of A/V Composite Inputs: 3 Rear

Stereo Headphone Jack: Side

RF Input: Rear

QUALITY

Warranty: 1 year parts and 1 year labor warranty (90 days parts and labor for commercial use), with in-home service, backed by Samsung toll-free support.

Energy Star Compliant² reduces energy consumption by up to 25% compared with standard TVs.

SPECIFICATIONS

Picture Tube: 26" CRT measured diagonally

TV System: American NTSC standard color

Channel Coverage: VHF 2-13, UHF 14-69, CATV 1-125 (up to 181 pre-selected channels)

Antenna: CATV/VHF/UHF 75-ohm, F-type

Audio Power: 15W x 2

Power Requirements: 120W AC, 60Hz

Power Consumption: 200W (1.9W standby)

NET DIMENSIONS AND WEIGHT (WxHxD)

Monitor: 31.5" x 19.9" x 21.8"

Monitor Weight: 89.1 lbs.

SHIPPING INFORMATION (WxHxD)

Monitor: 35.8" x 25" x 26.2"

Monitor Weight: 100.3 lbs.

MONITOR

UPC: 03672526685

Order Code: TXN2668WHFXXAA

¹Feature dependent upon broadcasting of information by local off-air TV and cable channels.

²An Energy Star partner, Samsung has determined that this product meets the Energy Star guidelines for energy efficiency. Energy Star is a registered trademark of the U.S. Environmental Protection Agency.

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